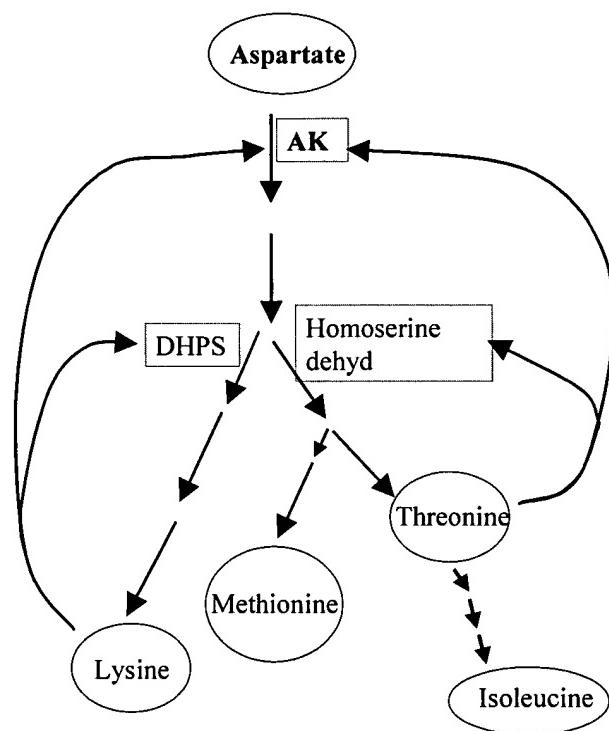


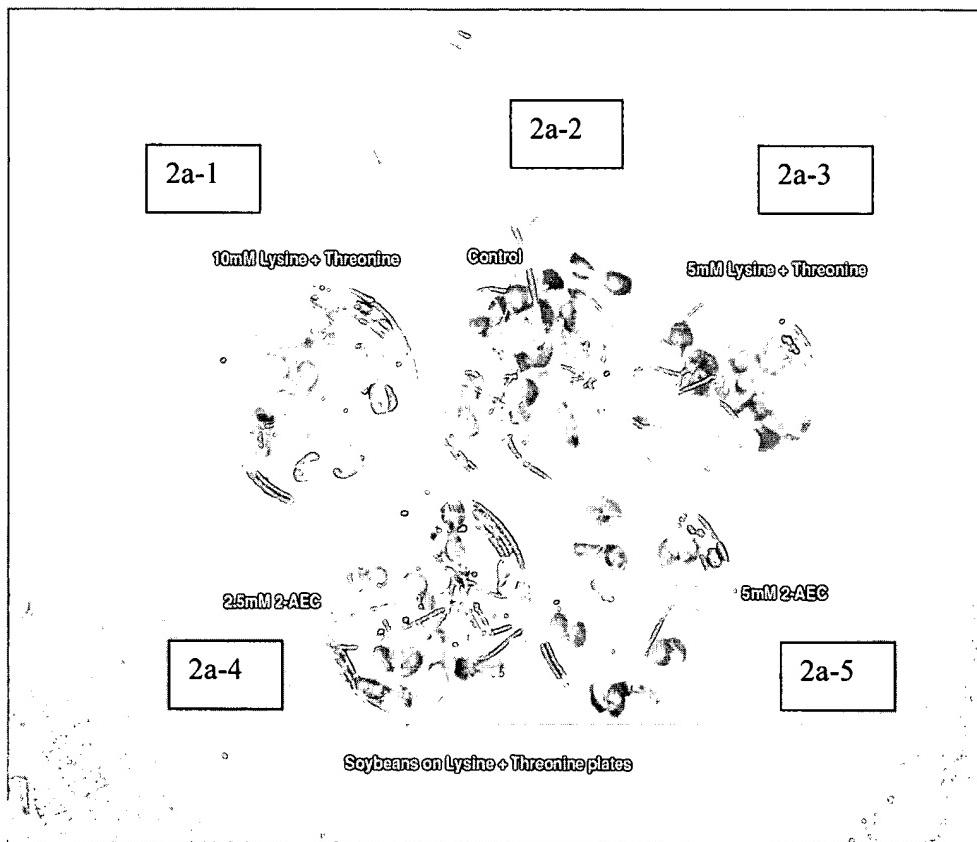
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**Figure 1**



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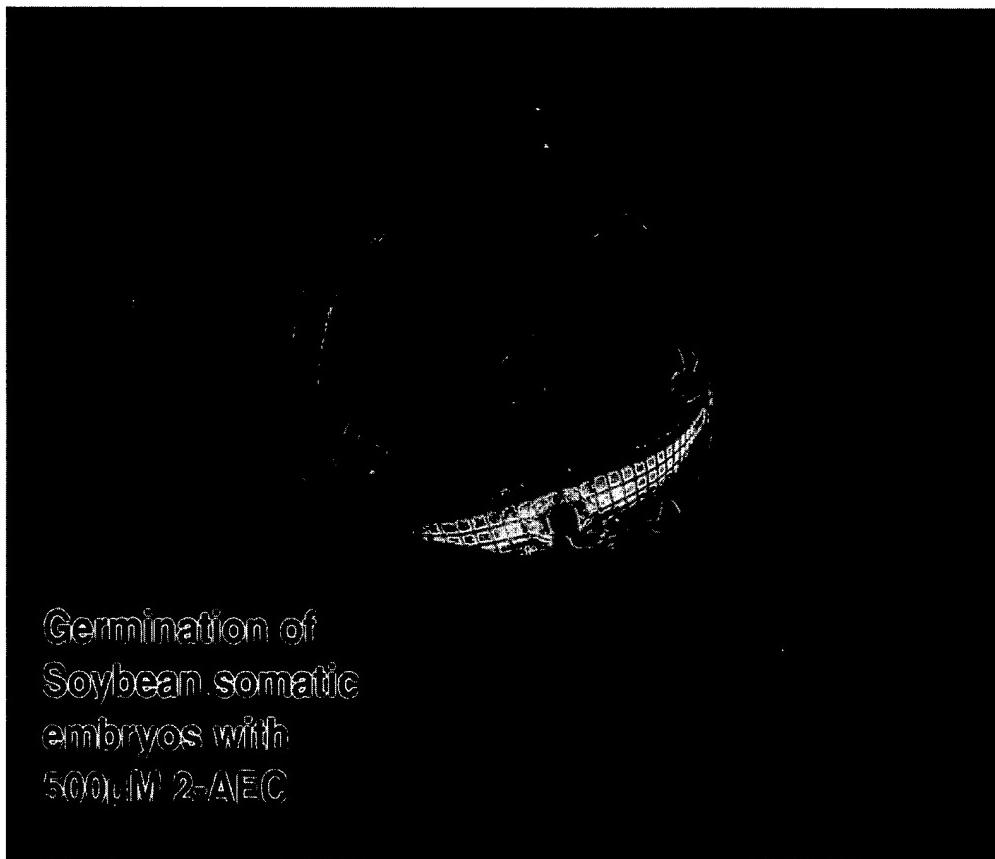
Figures 2a-1, 2, 3, 4, and 5



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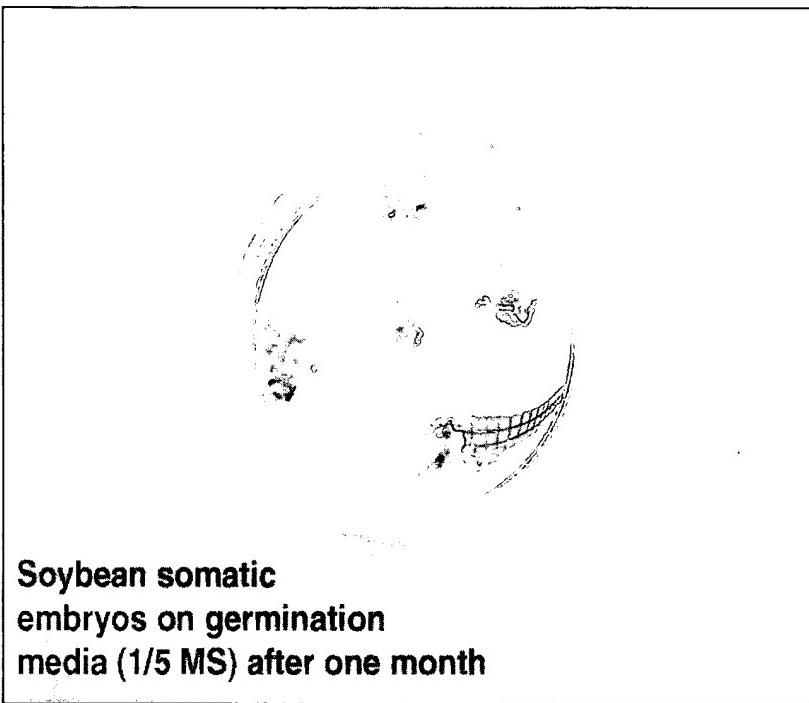
**Figure 2b-1**



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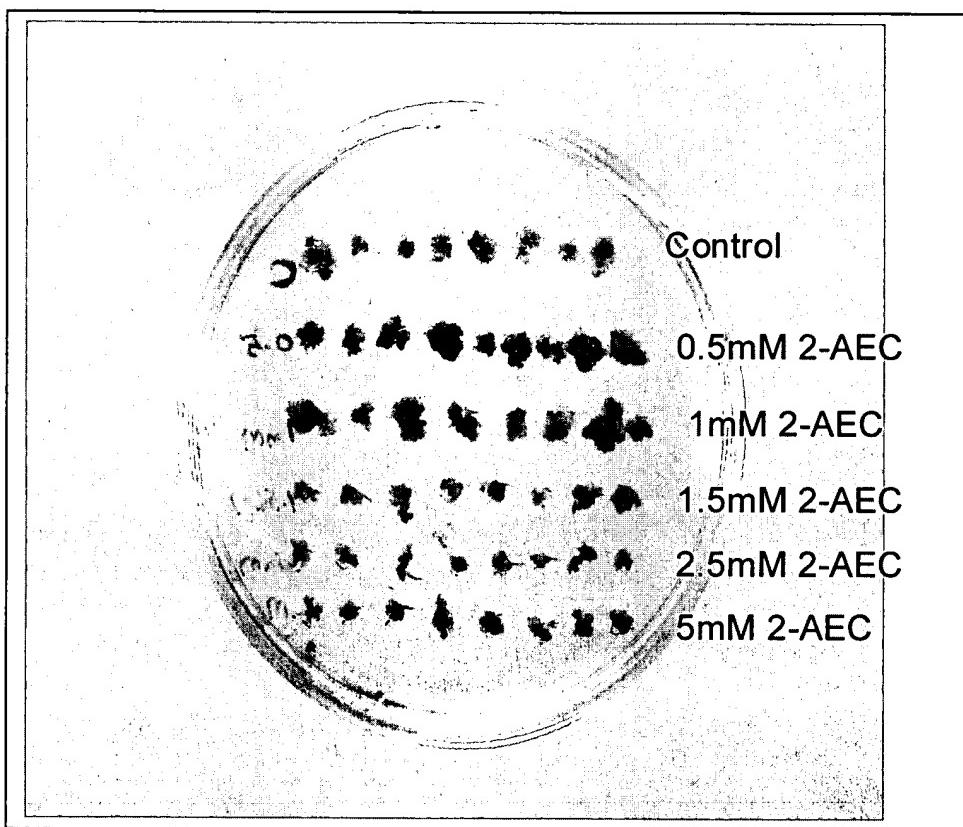
Figure 2b-2



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Figure 2(c)



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Figure 2(d)



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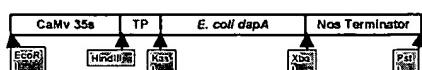


Figure 3

Soybean transformation protocol



Figure 4

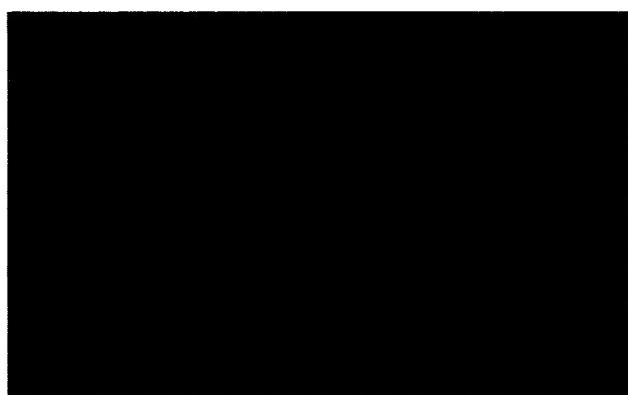


Figure 5

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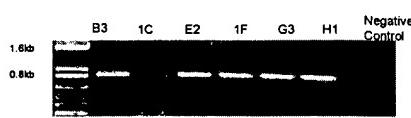
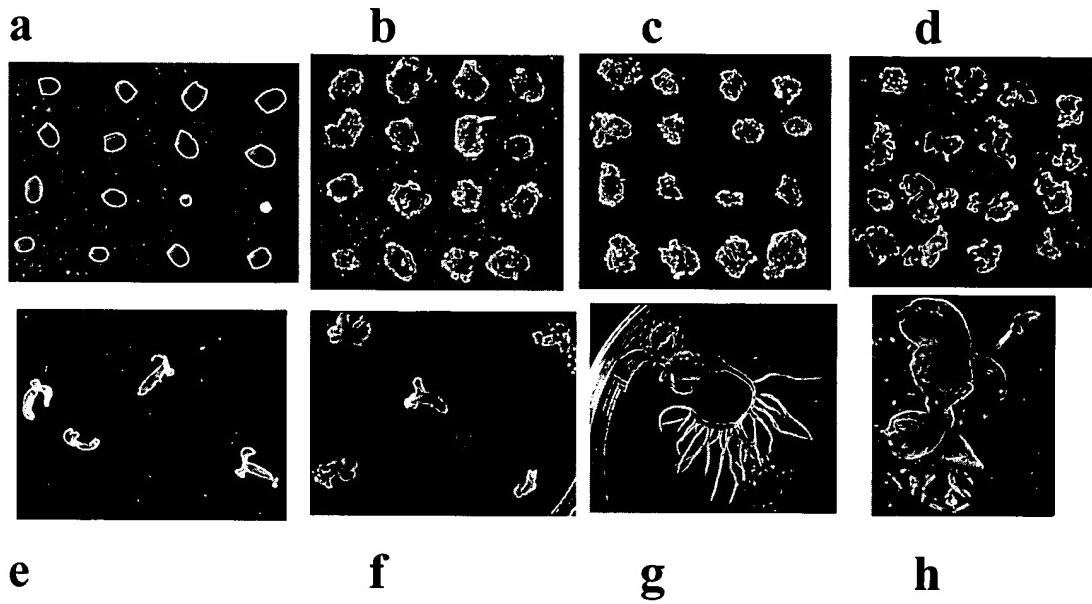


Figure 6

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**Figures 7a, b, c, d, e, f, g and h**



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## **Figures 8a and 8b**

<b>Figure 8a</b>	<b>Figure 8b</b>
<p><b>Liquid Media Protocol</b></p> <p>D40 (Somatic embryo induction) (1.5 months)</p> <p>D20 (Proliferation of Somatic Embryos) (1 month)</p> <p>FN Suspension medium (Embryogenic culture establishment) (3 months)</p> <p>Bombardment</p> <p>FL Suspension medium (without selective agents) (2-3 months)</p> <p>Recovery of Transformants</p> <p>FL-Superlite (Maturation) (3 weeks)</p> <p>Desiccation (4-5 days)</p> <p>MSO3 ( 3% sucrose) Germination medium without hormones (1 month)</p> <p>Regeneration (1-2 months)</p> <p>Seeds (2 months)</p>	<p><b>Solid Media Protocol</b></p> <p>D40 ( 1.5 months )</p> <p>D20 ( 3 months )</p> <p>Bombardment</p> <p>D20 ( 1 month )</p> <p>D20 + selective agents ( 3-4 months )</p> <p>MSM6Ac (Maltose 6% + Activated Charcoal) (Remove 2,4-D) ( 1 month )</p> <p>MSM6 (Maturation) (1 month )</p> <p>Desiccation ( 4-5 days )</p> <p>Germination ( 1 month )</p> <p>Regeneration ( 1-2 months )</p> <p>Seeds ( 2 months )</p>

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